Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004257.D
Acq On : 12 Dec 2020 14:01
Operator : CG/JU
Sample : L5063-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD7

Quant Time: Dec 14 01:01:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	354254	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1389686	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.48	164	832336	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.25	188	1752835	20.00	ng/ul	0.01
78) Chrysene-d12	21.33	240	1886529	20.00	ng/ul	0.01
86) Perylene-d12	23.70	264	2186537	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	21813	2.16	ng/uL	0.00
5) Phenol-d5	7.00	99	437109	14.92	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	233150	12.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	351378	15.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	339791	15.34	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	170441	14.98	ng/ul	0.01
22) 2-Nitrophenol-d4	9.71	143	177968	18.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	355087	17.20	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	477371	18.66	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	982788	15.45	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1310259	16.14	ng/ul	0.01
52) 4-Nitrophenol-d4	14.67	143	160340	14.92	ng/ul	0.02
58) Fluorene-d10	15.48	176	890149	15.45	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.60	200	31475	3.74	ng/ul	0.02
71) Anthracene-d10	17.35	188	1402545	16.42	ng/ul	0.01
79) Pyrene-d10	19.58	212	1638651	16.67	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.55	264	1910072	16.58	ng/ul	0.03
Target Compounds						Qvalue
6) Phenol	7.03	94	35439	1.158	ng/ul	96
14) Acetophenone	8.65	105	82072	2.344	ng/ul#	39
17) Hexachloroethane	8.95	117	28538	2.665	ng/ul#	5
28) Naphthalene	10.68	128	380566	4.831	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	1643737	31.011	ng/ul	98
35) 1-Methylnaphthalene	12.52	142	1085098	17.630	ng/ul#	98
41) 1,1'-Biphenyl	13.31	154	262594	3.762	ng/ul	98
45) Dimethylphthalate	13.93	163	126314	1.949	ng/ul#	95
48) Acenaphthylene	14.20	152	99985	1.241	ng/ul#	27
50) Acenaphthene	14.55	153	99549	1.745	ng/ul	94
53) 4-Nitrophenol	14.69	109	19014	2.398	ng/ul#	66
59) Fluorene	15.54	166	156311	2.431	ng/ul#	89
65) N-Nitrosodiphenylamine	15.65	169	198527	3.808	ng/ul	97
70) Phenanthrene	17.29	178	2141710	20.711	ng/ul	99
72) Anthracene	17.29	178	2141710	20.934	ng/ul	98
77) Fluoranthene	19.26	202	868597	7.866	ng/ul	96
80) Pyrene	19.61	202	1235740	9.711	ng/ul	95
83) Benzo(a)anthracene	21.32	228	512163	4.119	ng/ul#	69
85) Chrysene	21.37	228	715019	5.861	ng/ul#	78
88) Benzo(b)fluoranthene	22.99	252	637671	4.599	ng/ul#	63
91) Benzo(a)pyrene	23.60	252	445301	3.441	ng/ul#	61
92) Indeno(1,2,3-cd)pyrene	26.13	276	322187	1.985	ng/ul#	85
94) Benzo(g,h,i)perylene	26.87	276	288370	2.118	ng/ul#	77

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004257.D
Acq On : 12 Dec 2020 14:01
Operator : CG/JU
Sample : L5063-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AD7

Quant Time: Dec 14 01:01:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

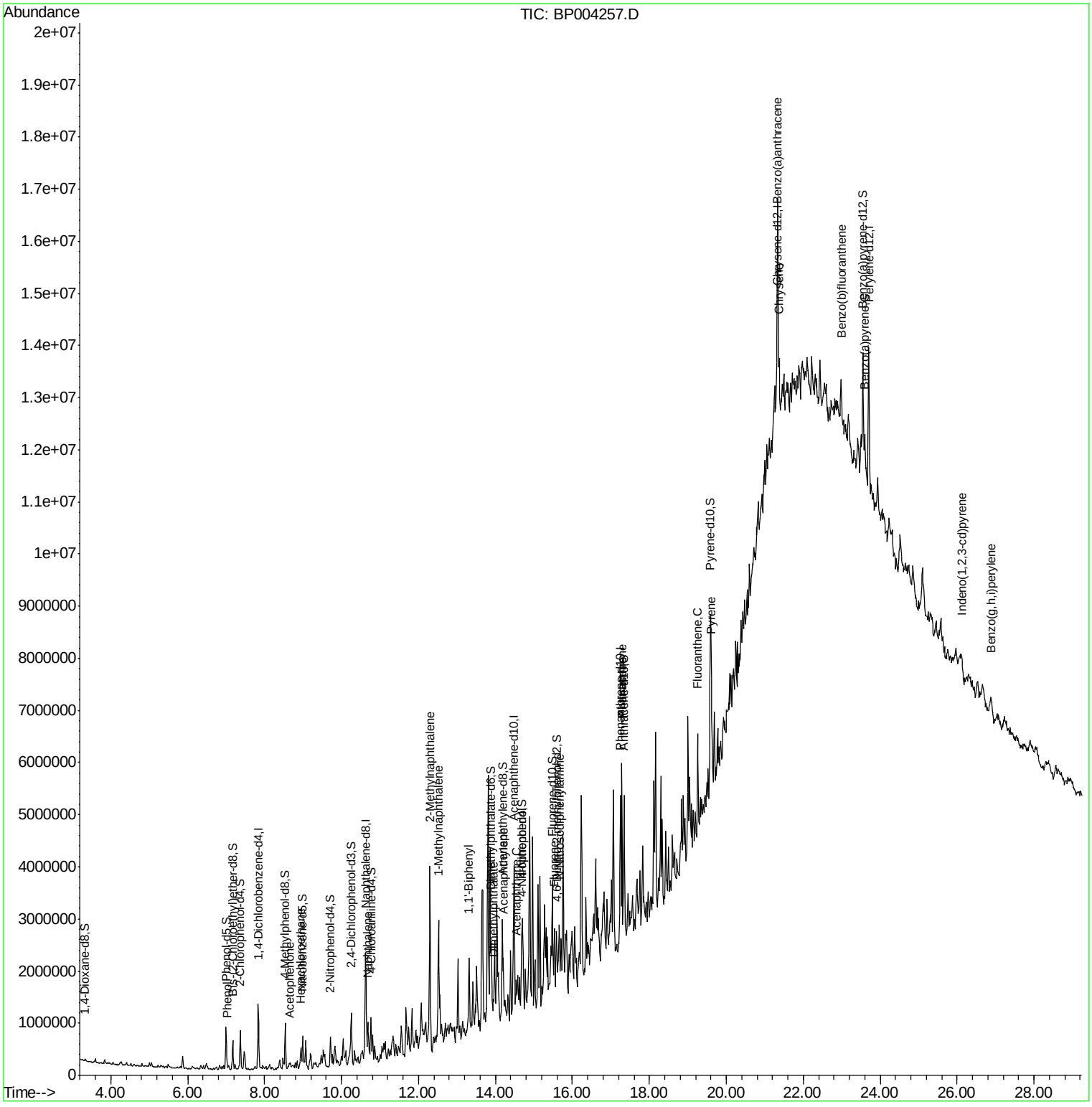
(#) = qualifier out of range (m) = manual integration (+) = signals summed

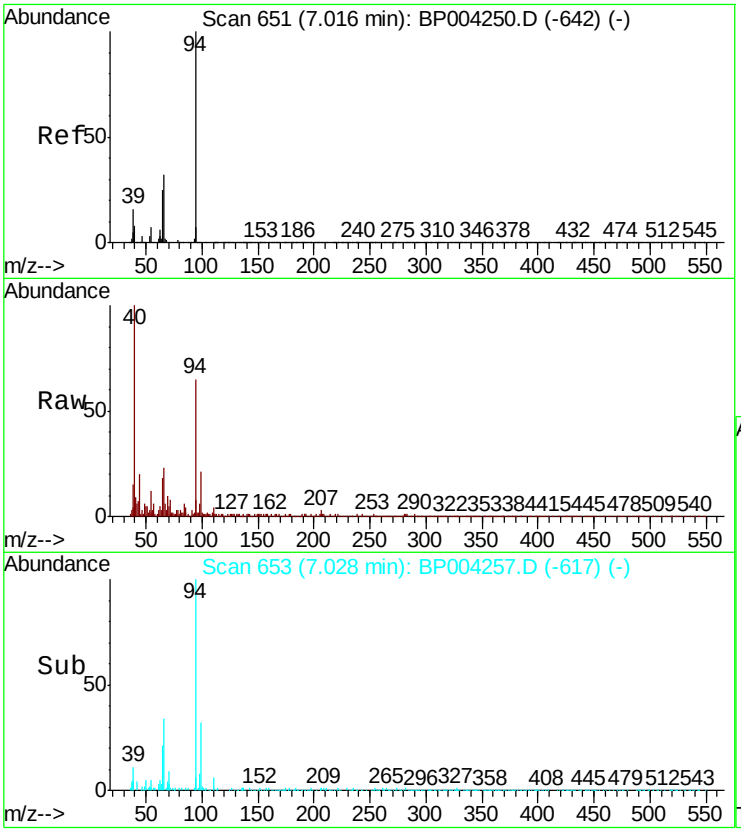
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121320\
Data File : BP004257.D
Acq On : 12 Dec 2020 14:01
Operator : CG/JU
Sample : L5063-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AD7

Quant Time: Dec 14 01:01:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 10 13:52:32 2020
Response via : Initial Calibration



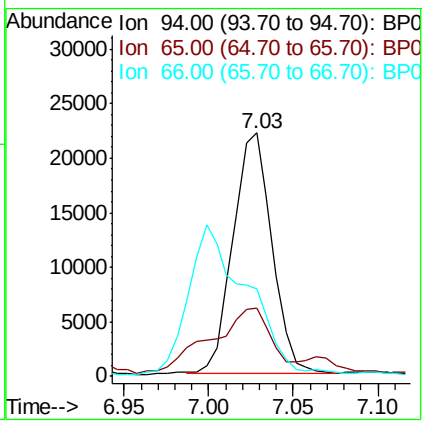


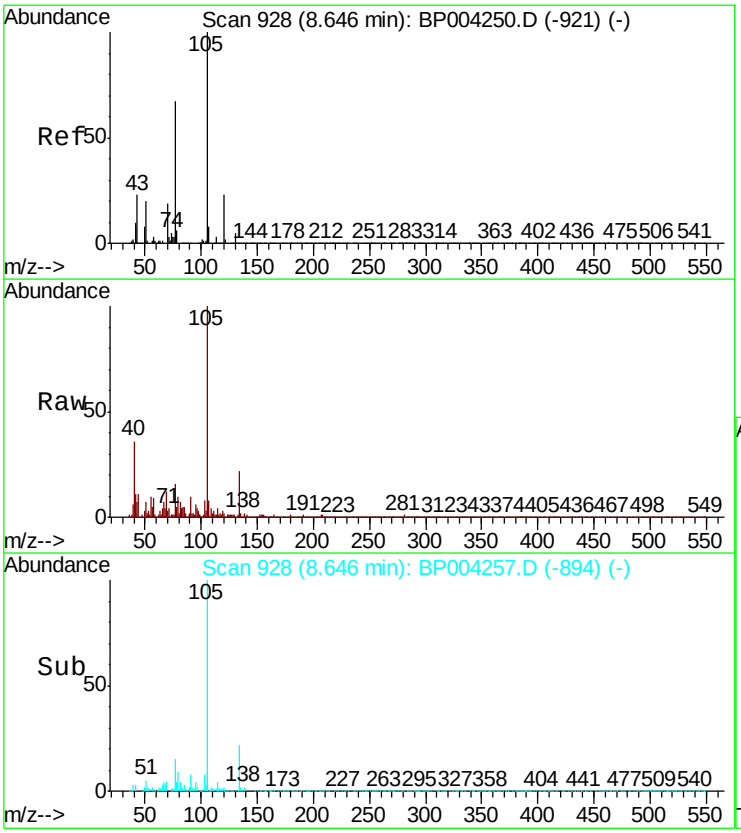
#6
Phenol
Concen: 1.158 ng/ul
RT: 7.03 min Scan# 653
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion: 94 Resp: 35439

Ion	Ratio	Lower	Upper
94	100		
65	28.0	20.8	31.2
66	35.8	26.5	39.7

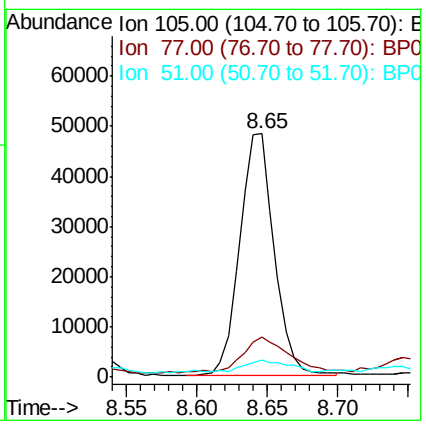


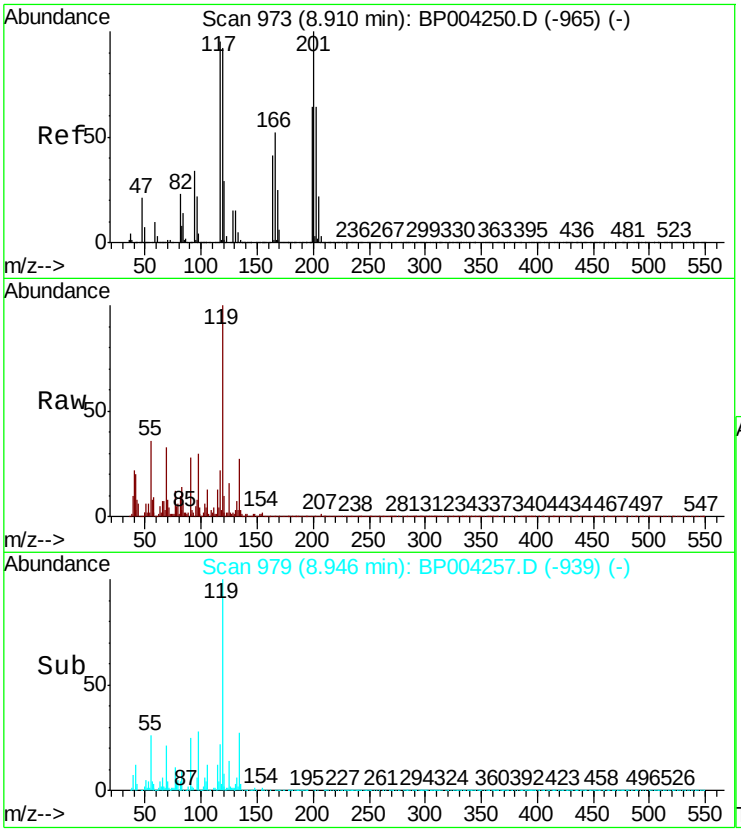


#14
Acetophenone
Concen: 2.344 ng/ul
RT: 8.65 min Scan# 928
Delta R.T. 0.00 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:105 Resp: 82072

Ion	Ratio	Lower	Upper
105	100		
77	16.5	61.1	91.7#
51	6.8	18.5	27.7#



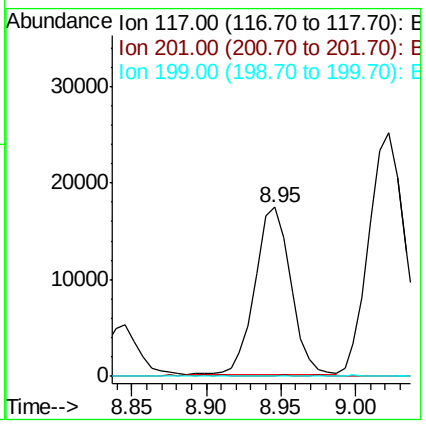


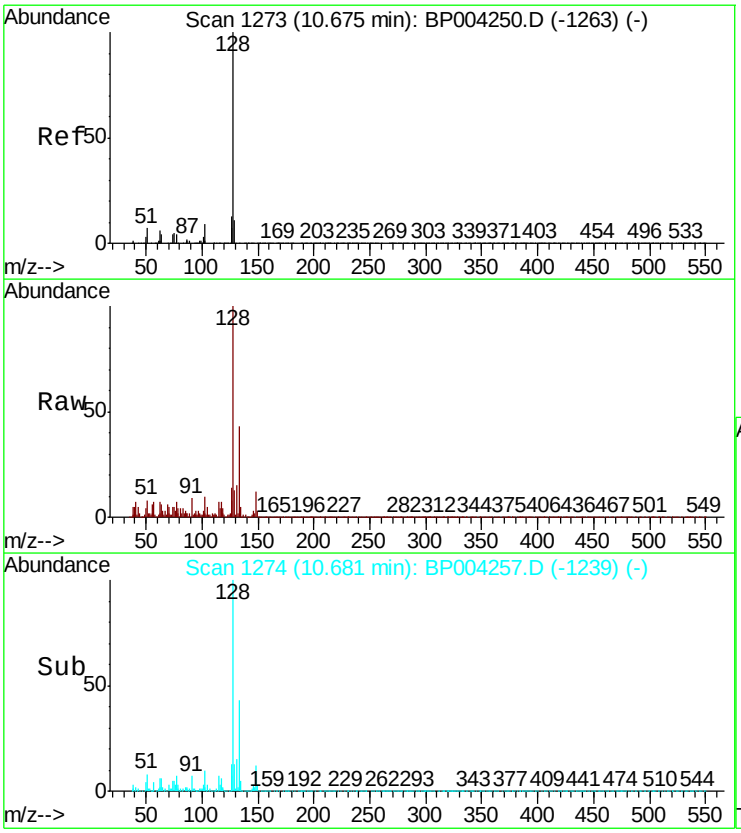
#17
Hexachloroethane
Concen: 2.665 ng/ul
RT: 8.95 min Scan# 979
Delta R.T. 0.04 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument : BNA_P
ClientSampleId : C0AD7

Tgt Ion:117 Resp: 28538

Ion	Ratio	Lower	Upper
117	100		
201	0.5	85.4	128.2#
199	0.2	51.2	76.8#

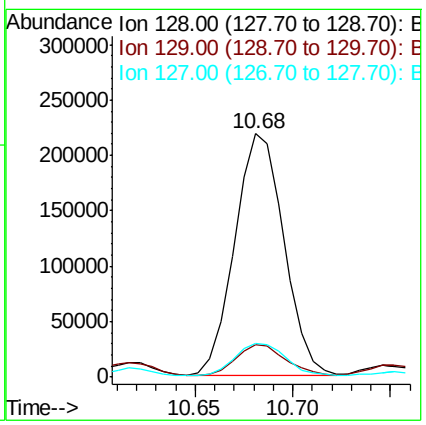


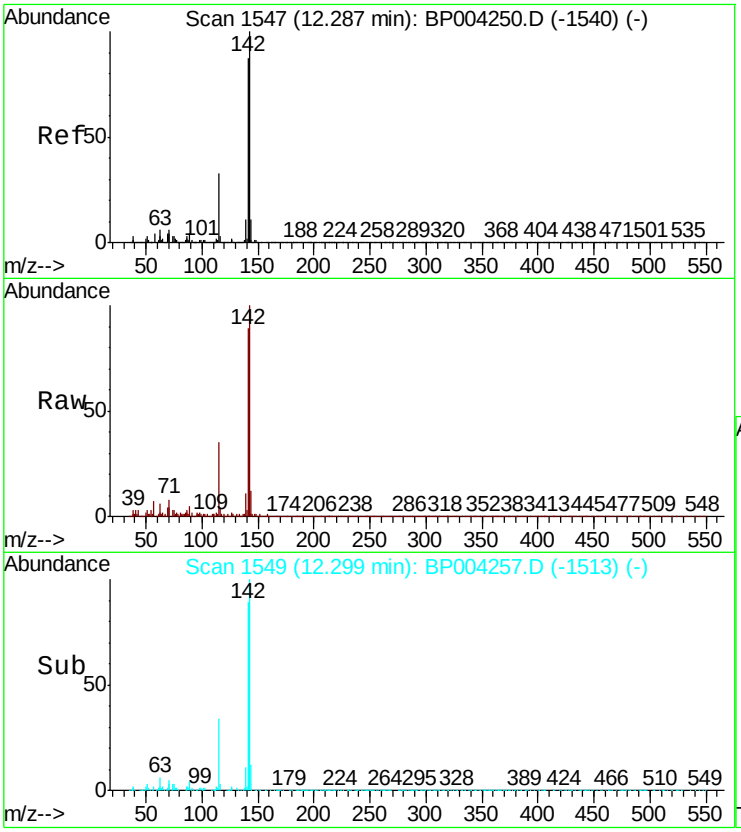


#28
Naphthalene
Concen: 4.831 ng/ul
RT: 10.68 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:128 Resp: 380566

Ion	Ratio	Lower	Upper
128	100		
129	13.1	8.8	13.2
127	13.6	10.6	16.0



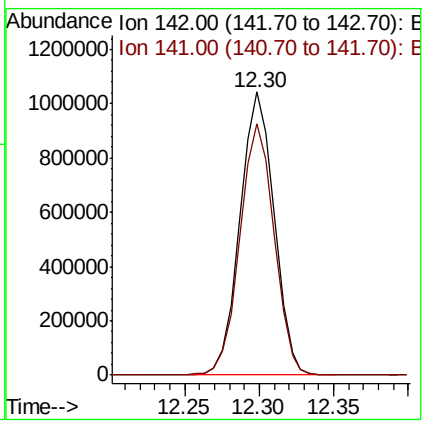


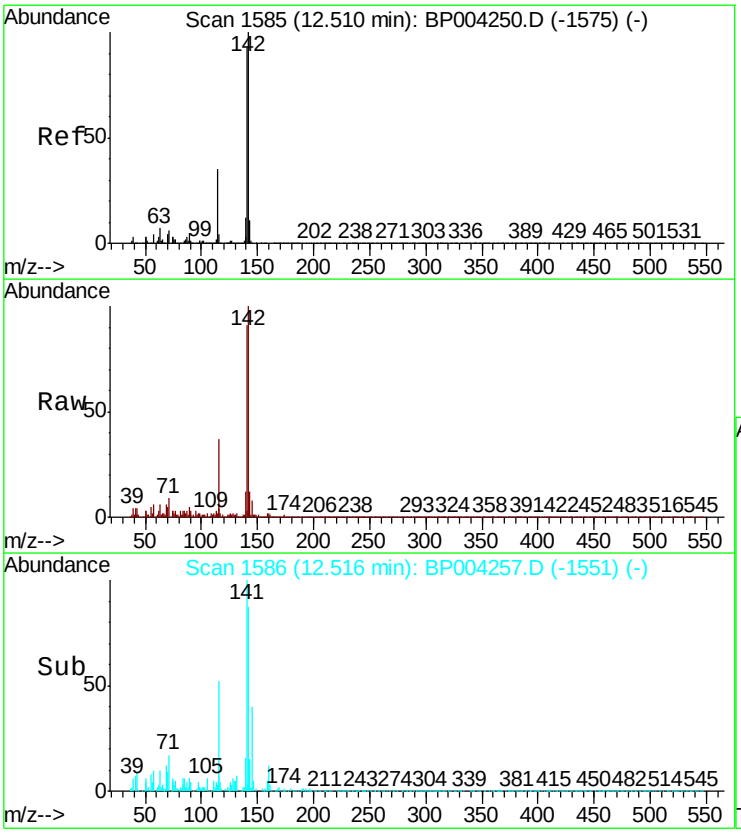
#34
2-Methylnaphthalene
Concen: 31.011 ng/ul
RT: 12.30 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:142 Resp: 1643737

Ion	Ratio	Lower	Upper
142	100		
141	88.9	69.7	104.5

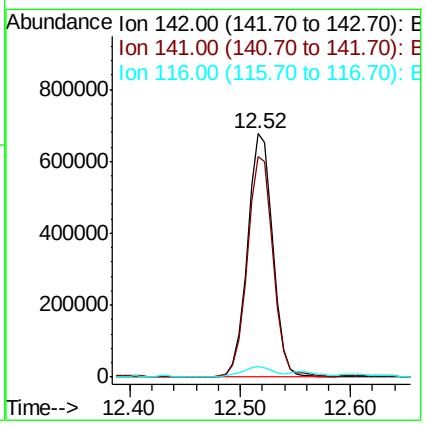


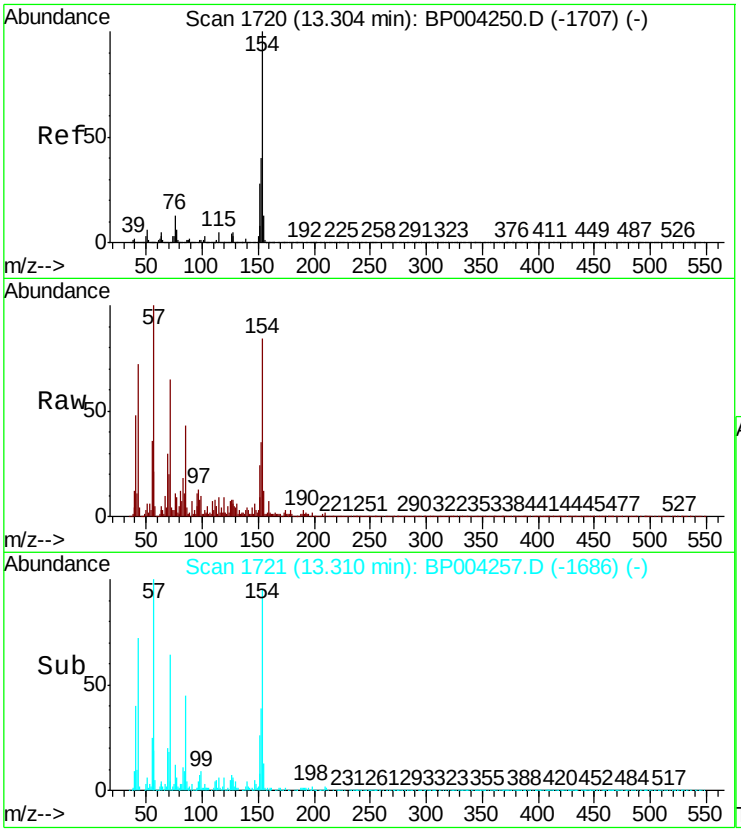


#35
1-Methylnaphthalene
Concen: 17.630 ng/ul
RT: 12.52 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:142 Resp: 1085098

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.8	110.8
116	4.2	2.8	4.2#



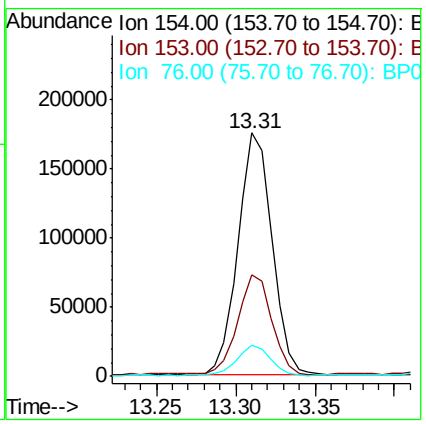


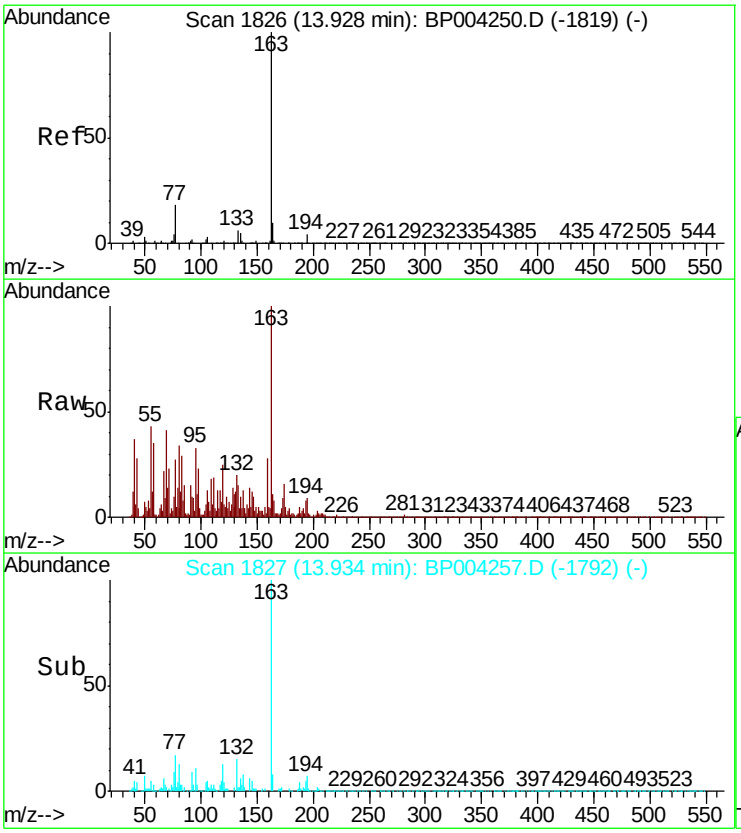
#41
1,1'-Biphenyl
Concen: 3.762 ng/ul
RT: 13.31 min Scan# 1721
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:154 Resp: 262594

Ion	Ratio	Lower	Upper
154	100		
153	41.5	32.2	48.2
76	13.0	11.0	16.6

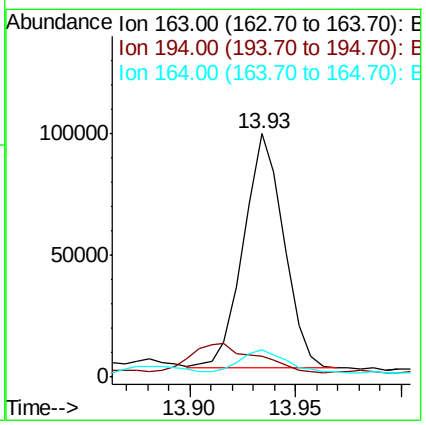


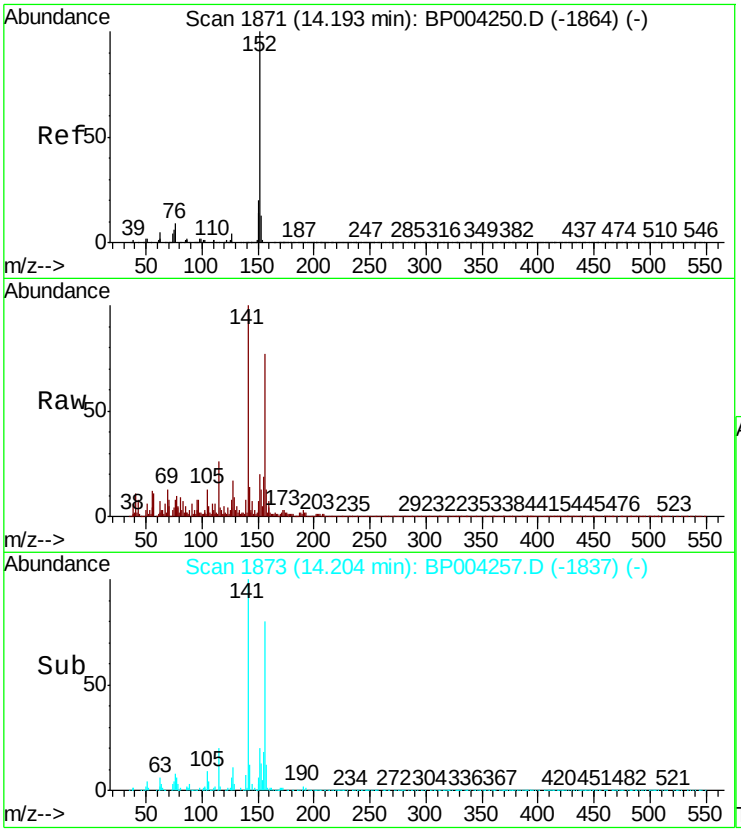


#45
Dimethylphthalate
Concen: 1.949 ng/ul
RT: 13.93 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:163 Resp: 126314

Ion	Ratio	Lower	Upper
163	100		
194	8.6	3.4	5.2#
164	11.4	8.4	12.6



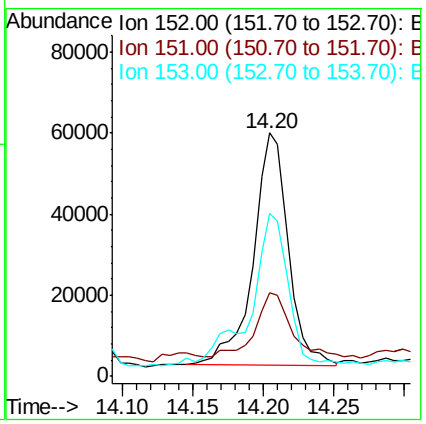


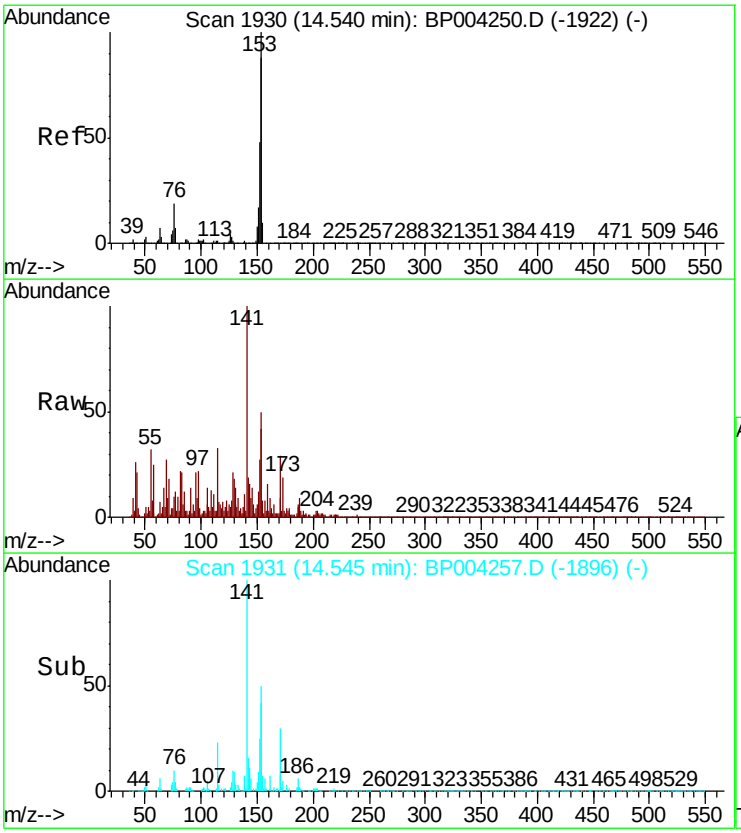
#48
Acenaphthylene
Concen: 1.241 ng/ul
RT: 14.20 min Scan# 1873
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:152 Resp: 99985

Ion	Ratio	Lower	Upper
152	100		
151	34.5	15.8	23.8#
153	67.0	10.6	16.0#

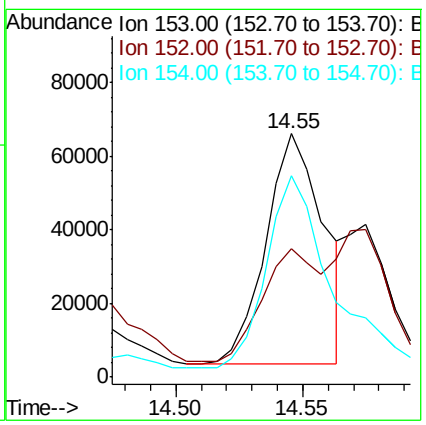


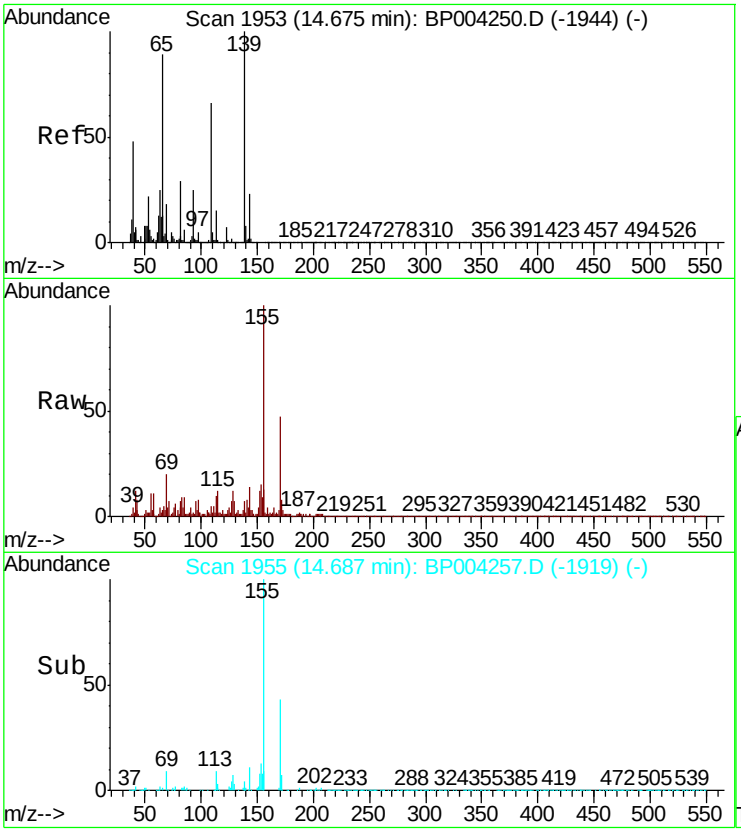


#50
Acenaphthene
Concen: 1.745 ng/ul
RT: 14.55 min Scan# 1931
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:153 Resp: 99549

Ion	Ratio	Lower	Upper
153	100		
152	53.0	37.8	56.6
154	82.9	69.8	104.8



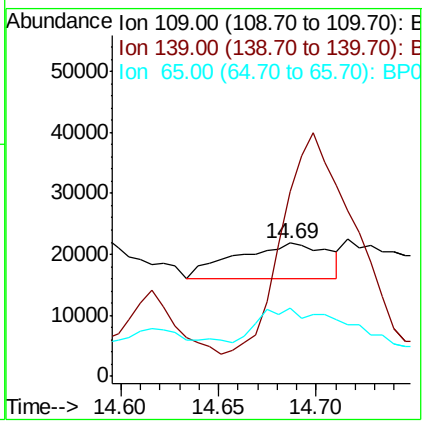


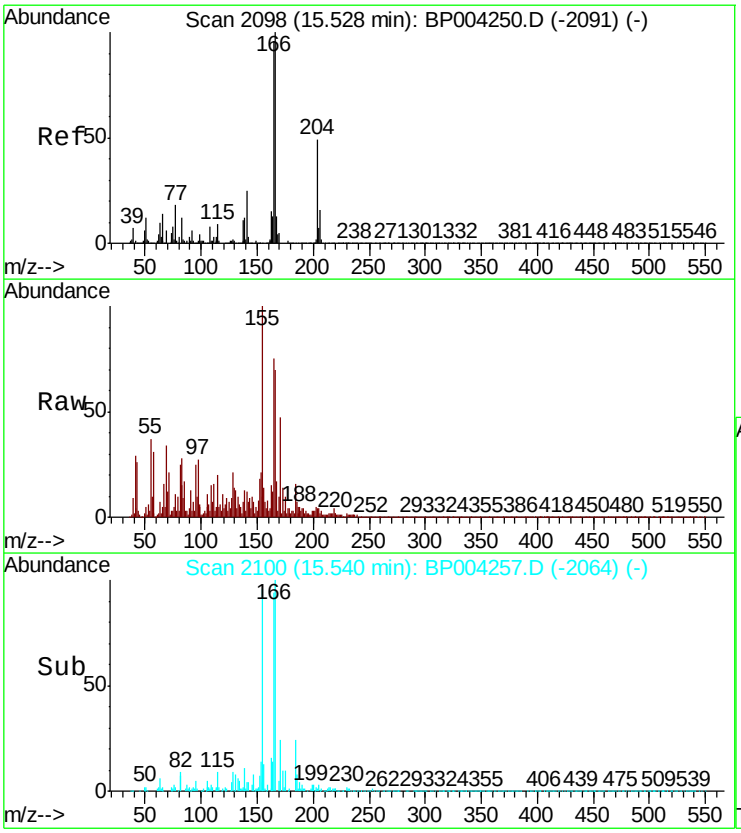
#53
4-Nitrophenol
Concen: 2.398 ng/ul
RT: 14.69 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:109 Resp: 19014

Ion	Ratio	Lower	Upper
109	100		
139	139.1	113.5	170.3
65	51.2	105.1	157.7#

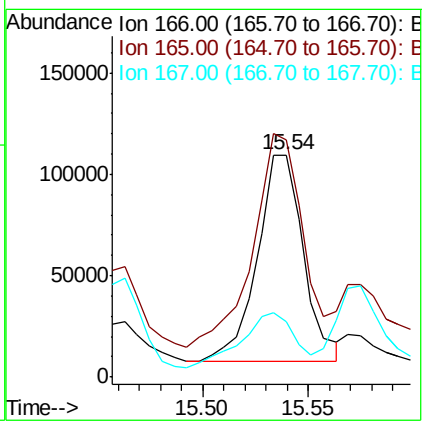


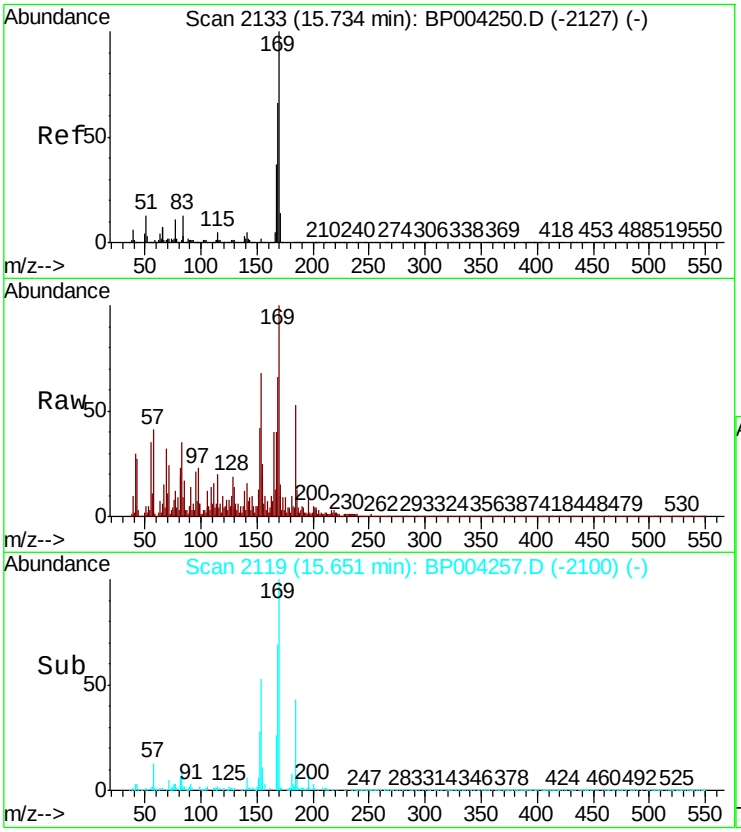


#59
Fluorene
Concen: 2.431 ng/ul
RT: 15.54 min Scan# 2100
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:166 Resp: 156311

Ion	Ratio	Lower	Upper
166	100		
165	106.6	78.2	117.2
167	24.7	10.8	16.2#



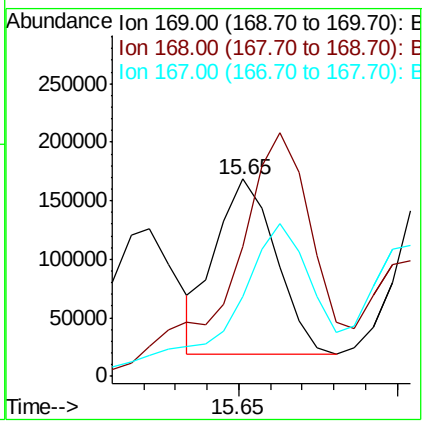


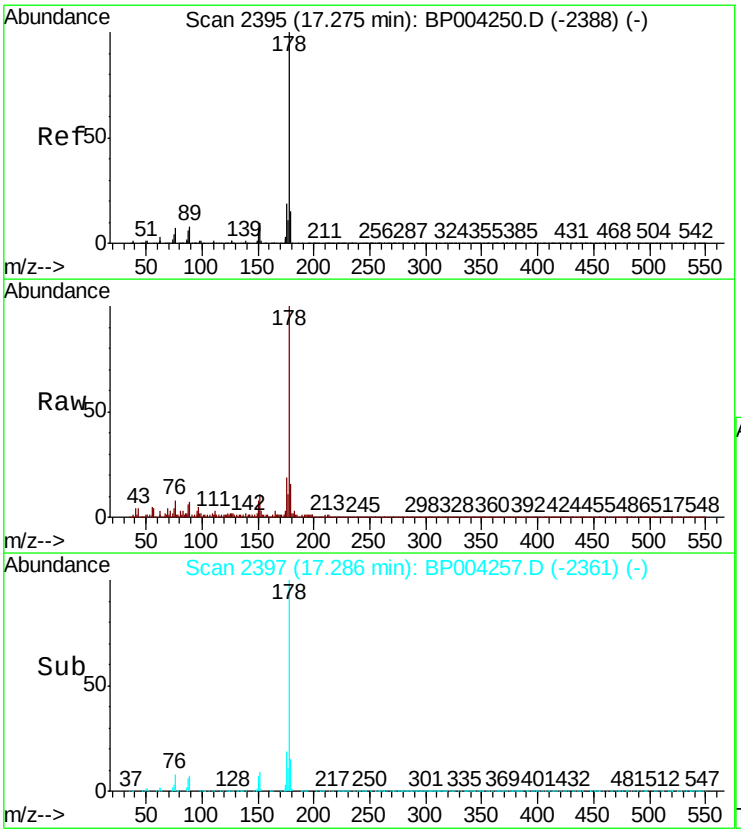
#65
N-Nitrosodiphenylamine
Concen: 3.808 ng/ul
RT: 15.65 min Scan# 2119
Delta R.T. -0.09 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:169 Resp: 198527

Ion	Ratio	Lower	Upper
169	100		
168	65.9	53.0	79.6
167	40.1	29.1	43.7

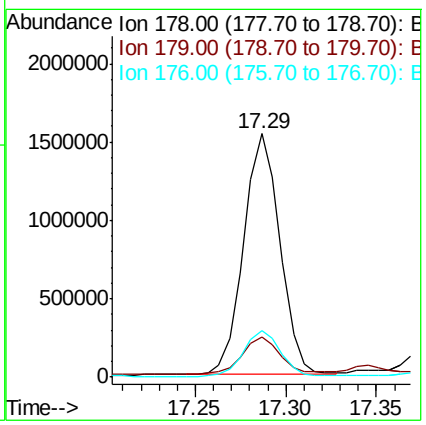


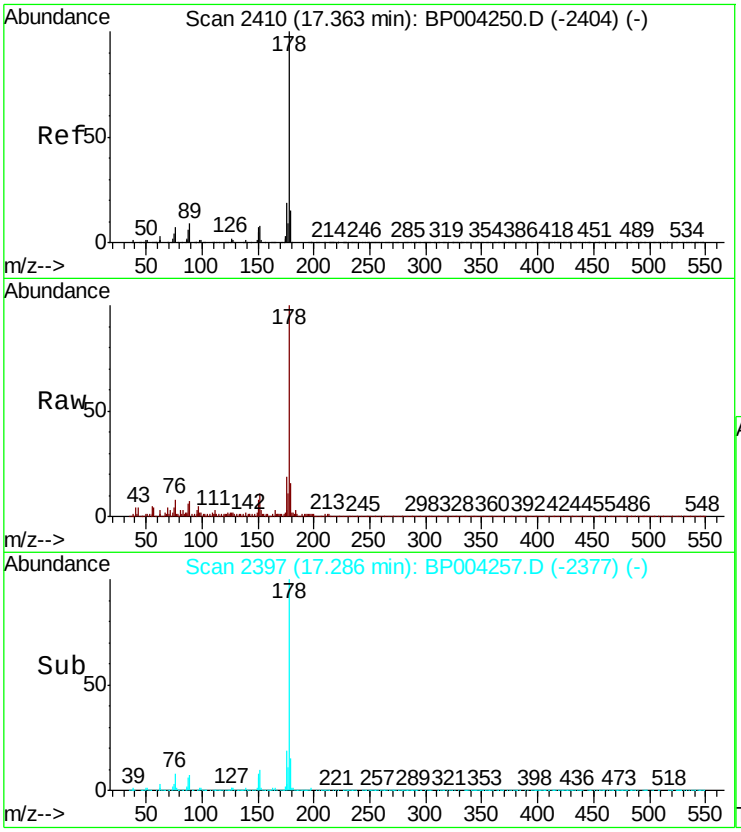


#70
Phenanthrene
Concen: 20.711 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:178 Resp: 2141710

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.4	18.6
176	19.3	15.4	23.0



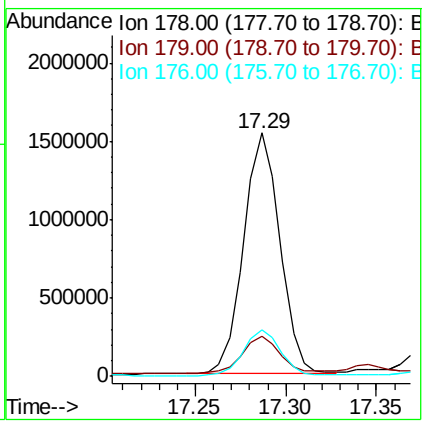


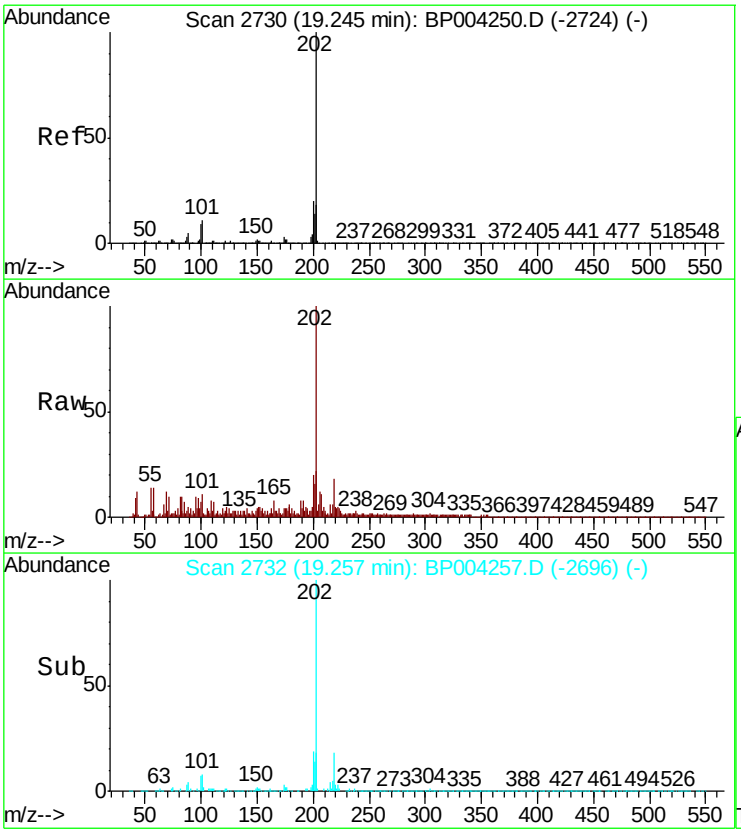
#72
Anthracene
Concen: 20.934 ng/ul
RT: 17.29 min Scan# 2397
Delta R.T. -0.08 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:178 Resp: 2141710

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.3	18.5
176	19.3	14.9	22.3

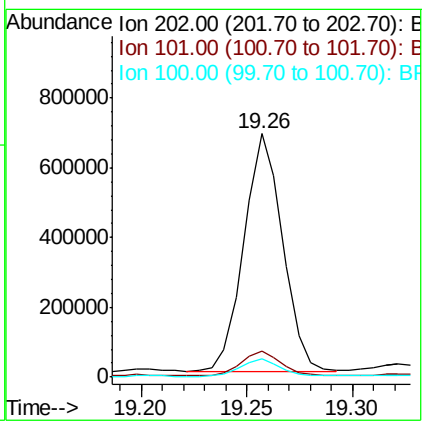


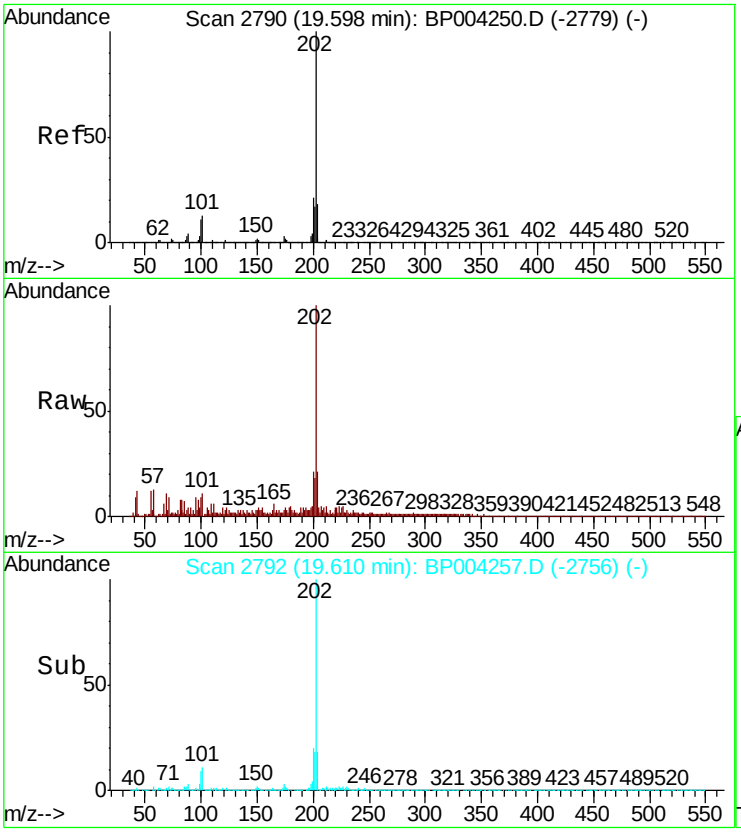


#77
Fluoranthene
Concen: 7.866 ng/ul
RT: 19.26 min Scan# 2732
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:202 Resp: 868597

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.1	13.7
100	7.3	7.1	10.7



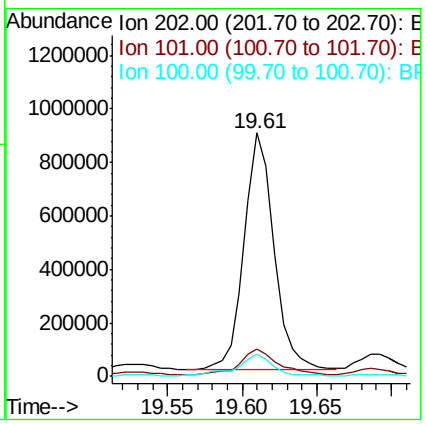


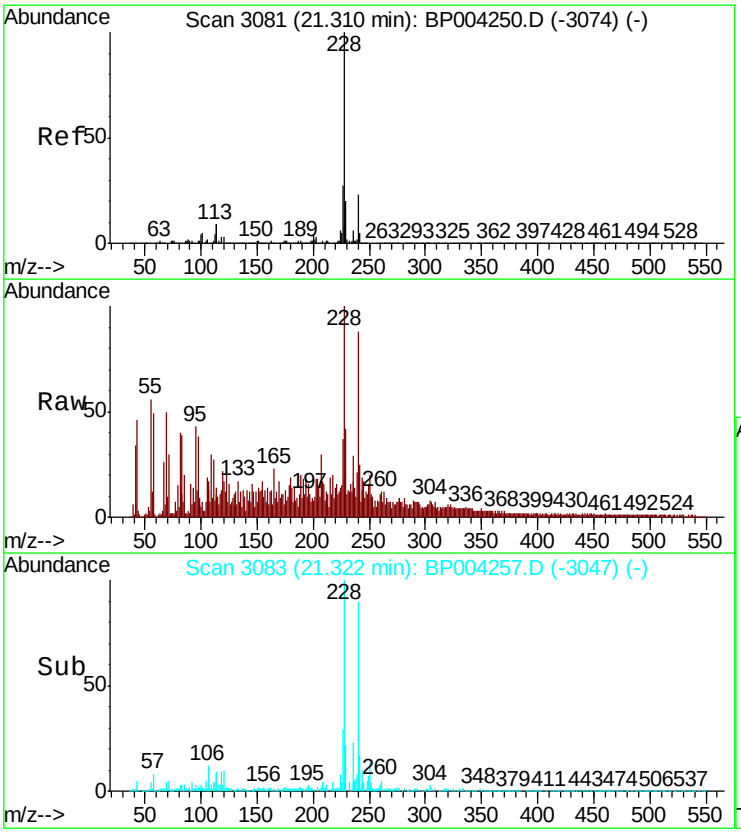
#80
Pyrene
Concen: 9.711 ng/ul
RT: 19.61 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:202 Resp: 1235740

Ion	Ratio	Lower	Upper
202	100		
101	11.3	10.6	15.8
100	9.0	8.6	12.8

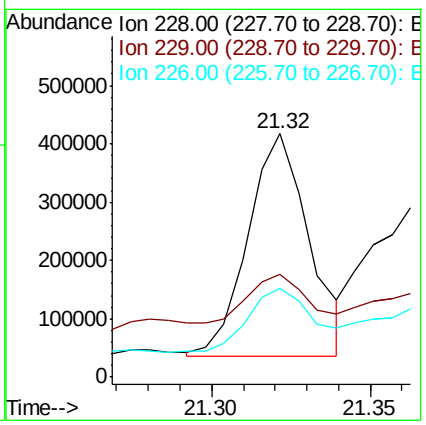


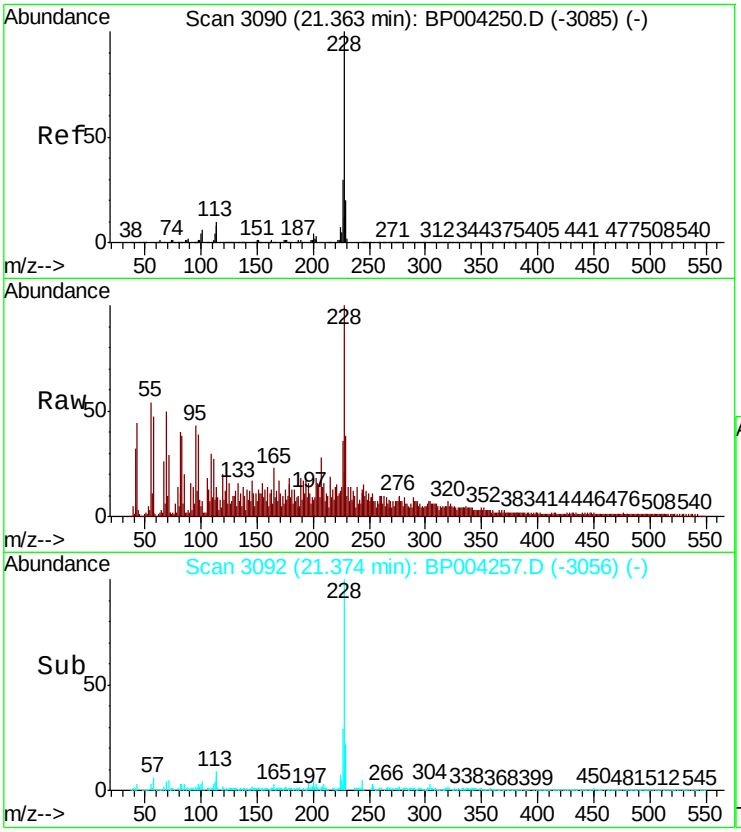


#83
Benzo(a)anthracene
Concen: 4.119 ng/ul
RT: 21.32 min Scan# 3083
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:228 Resp: 512163

Ion	Ratio	Lower	Upper
228	100		
229	42.0	15.8	23.8#
226	36.6	21.7	32.5#



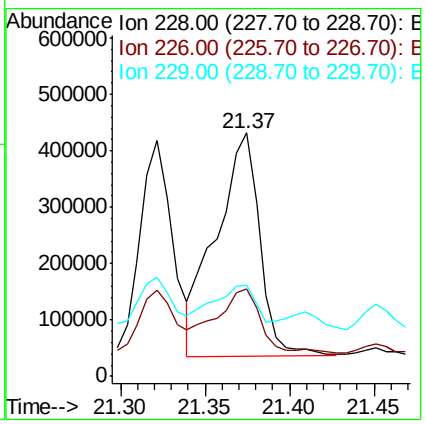


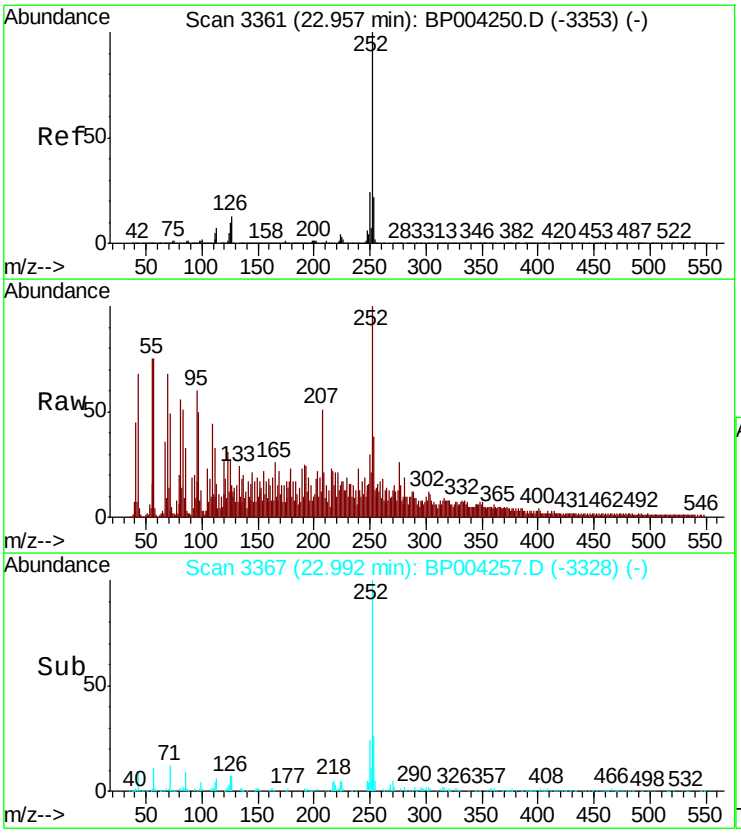
#85
Chrysene
Concen: 5.861 ng/ul
RT: 21.37 min Scan# 3092
Delta R.T. 0.01 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:228 Resp: 715019

Ion	Ratio	Lower	Upper
228	100		
226	36.1	24.2	36.2
229	37.5	15.8	23.8#

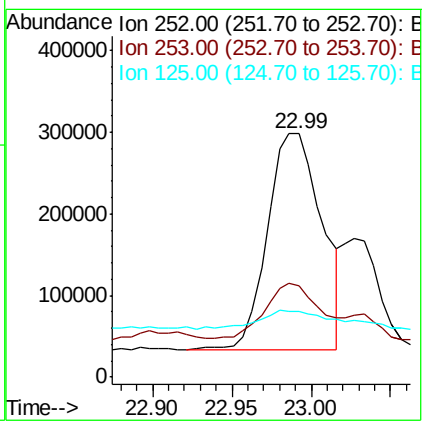


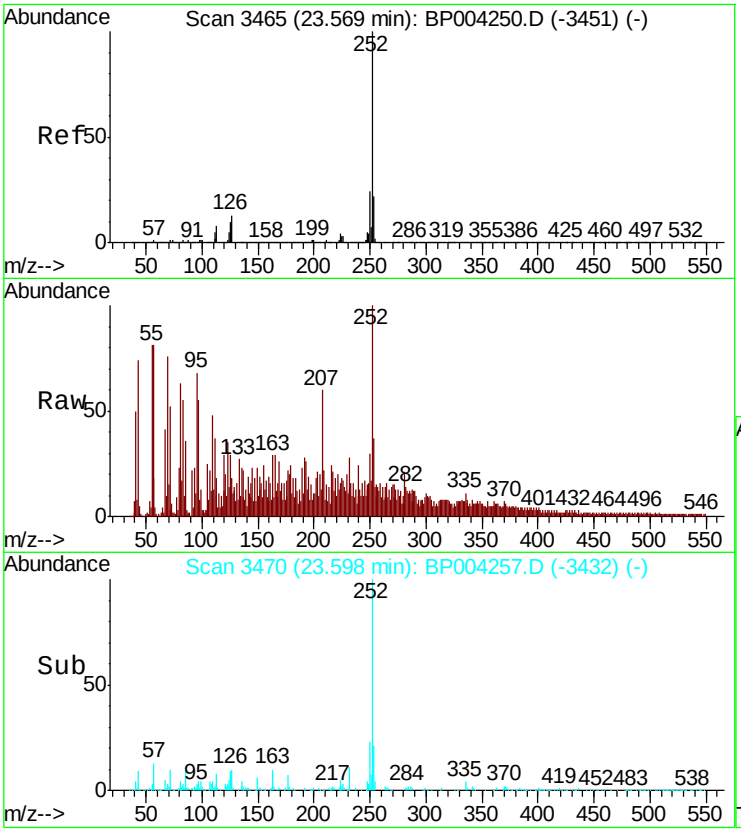


#88
Benzo(b)fluoranthene
Concen: 4.599 ng/ul
RT: 22.99 min Scan# 3367
Delta R.T. 0.03 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:252 Resp: 637671

Ion	Ratio	Lower	Upper
252	100		
253	37.6	17.6	26.4#
125	27.2	7.7	11.5#



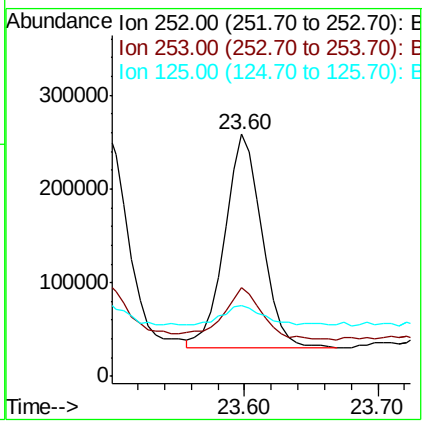


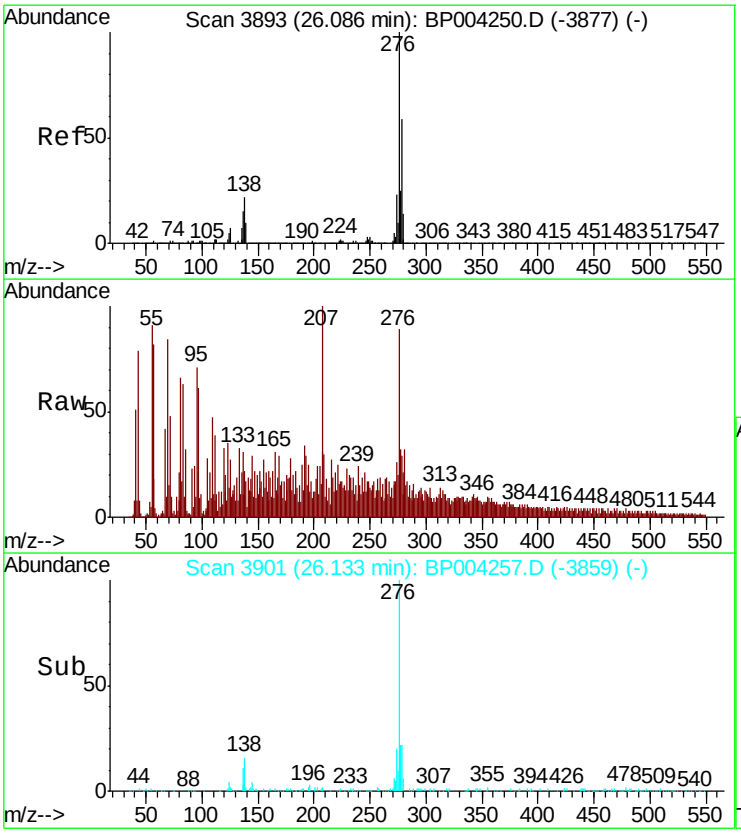
#91
Benzo(a)pyrene
Concen: 3.441 ng/ul
RT: 23.60 min Scan# 3470
Delta R.T. 0.02 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:252 Resp: 445301

Ion	Ratio	Lower	Upper
252	100		
253	36.8	17.3	25.9#
125	29.1	7.8	11.6#

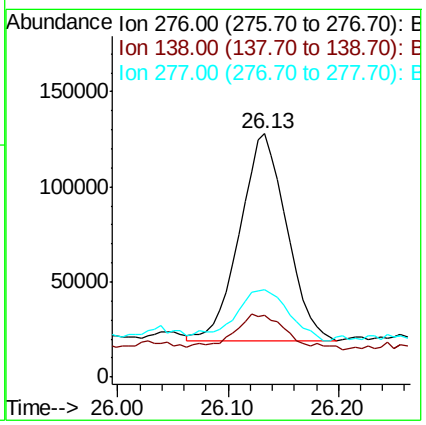


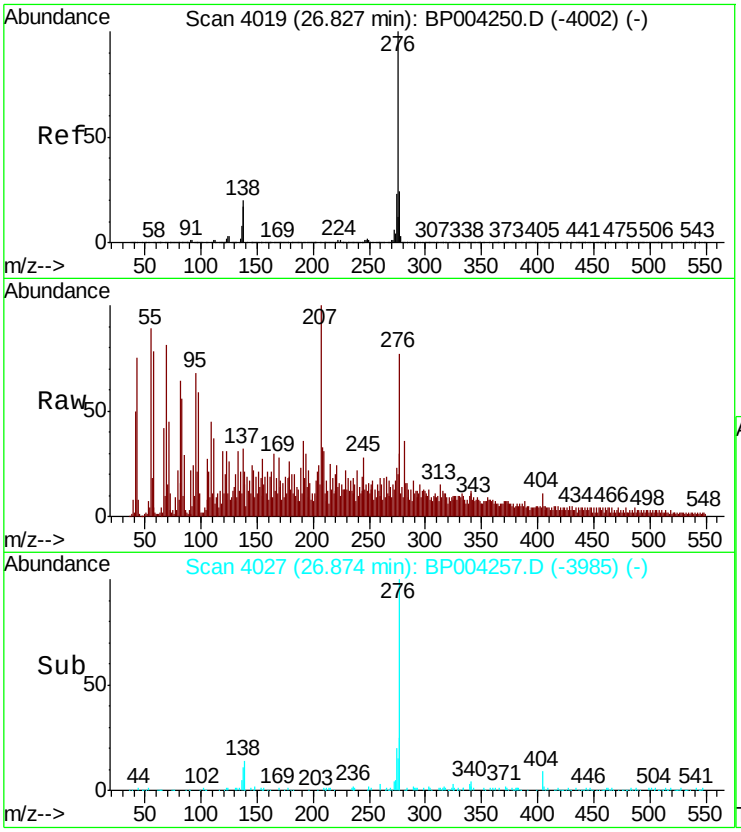


#92
Indeno(1,2,3-cd)pyrene
Concen: 1.985 ng/ul
RT: 26.13 min Scan# 3901
Delta R.T. 0.05 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Tgt Ion:276 Resp: 322187

Ion	Ratio	Lower	Upper
276	100		
138	25.4	17.8	26.6
277	36.1	19.8	29.6#





#94
Benzo(g,h,i)perylene
Concen: 2.118 ng/ul
RT: 26.87 min Scan# 4027
Delta R.T. 0.05 min
Lab File: BP004257.D
Acq: 12 Dec 2020 14:01

Instrument :
BNA_P
ClientSampleId :
C0AD7

Tgt Ion:276 Resp: 288370

Ion	Ratio	Lower	Upper
276	100		
138	26.9	16.6	25.0#
277	38.7	18.5	27.7#